

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

entitled Parallel Pr	imer Extension A	pproach to Nucleic Act	La	
Sequence An				
the specification of				
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[X] was filed on	22 June 1994	as United States App	4/07006	
Number or PCT 1	International Applic	cation Serial No. PC1/055	4/0/086	
(U.S.S.N. U8/3)	1 on	(if applicable).		
above-identified spec	o above.	ed and understand the cont ng the claims, as amended		
I acknowledge the duty to disclose information which is known by me				
	-olan annlication(B	enefits under Title 35, Un		
listed below and hav	icate having a fili claimed:	enefits under filte 35, 6, 6) for patent or inventor's elow any foreign application date before that of the Application(s)		
or inventor's certif on which priority is SE9302152-5	icate having a fili claimed:	elow any foreign application in the second second in the second s	Priority Not Claimed	
or inventor's certif on which priority is SE9302152-5 (Number)	icate having a filicate having	elow any foreign application and date before that of the Application(s)	Priority Not Claimed []	
or inventor's certif on which priority is SE9302152-5	icate having a fili claimed: Prior Foreign Sweden	Application(s) 22 June 1993 (Day/Month/Year filed)	Priority Not Claimed []	
SE9302152-5 (Number)	Sweden (Country) (Country) (Country)	Application(s) 22 June 1993 (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) s.c. \$119(e) of any United	Priority Not Claimed []	
SE9302152-5 (Number) (Number)	Sweden (Country) (Country) benefit under 35 U. tion(s) listed below	Application(s) 22 June 1993 (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) s.c. \$119(e) of any United	Priority Not Claimed []	

I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, States application in the manner provided by the disclose information known United States Code, \$112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

	(Application Serial No.) (Filing date) (Status,	patented, pending, abandoned)
	(Application Serial No.) (Filing date) (Status,	patented, pending, abandoned)
	As a named inventor, I hereby appoint the fol agent(s) to prosecute this application and transact and Trademark Office connected therewith.	lowing attorney(s) and/or all business in the Patent
	I also hereby grant additional Powers of Atto attorney(s) and/or agent(s) to file and prosecute a under the Patent Cooperation Treaty based upon the application, including a power to meet all designated states:	above-identified ed office requirements for
	David E. Brook Reg. No. 28,043 Alice O. James M. Smith Reg. No. 20,884 N. Scott Leo R. Reynolds Reg. No. 32,227 Richard A Patricia Granahan Reg. No. 31,804 Elizabeth	Wise Reg. No. 18,041 W. Mata Reg. No. 38,236
1	all of Hamilton, Brook, Smith and Reynolds, P.C., The Lexington, Massachusetts 02173;	wo Militia Drive,
ļ	Hamilton, Brook, Smith & Reynolds, P.C. Two Militia Drive, Lexington, MA 02173	
	Direct telephone calls to: Leo R. Reynold	s, Esq.
-	617-861-6240 Fax: 617-861-9340	
	I hereby declare that all statements made here true and that all statements made on information are true; and further that these statements were made willful false statements and the like so made are imprisonment, or both, under Section 1001 of Title Code and that such willful false statements may jet application or any patent issued thereon.	with the knowledge that bunishable by fine or
	Full name of sole	
	or first inventor C. Thomas Caskey	
	Inventor's Date	
	Residence 6402 Belmont	
	Houston, Texas 77005	
	Citizenship US	
	Post Office Address same	
		·

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'ull name of second joint	
inventor, if any	John Shumaker
Second Inventor's	
Signature	Date719 Pizer
Residence	Houston, Texas 77009
Citizenship	
Post Office Address	same
Full name of third joint	
inventor, if any	Andres Metspalu
Third Inventor's	1-1
signature Such	s lubjalu Date 02/19/1996 4-33 Kauplase Street
Residence	4-33 Kaunase Street
	Tartu 2400 Estonia
Citizenship	Estonia
Post Office Address	same
Full name of fourth joint	
inventor, if any	
Fourth Inventor's	
Signature	Date
Residence	
1,002.00	
Full name of fifth joint	
Fifth Inventor's	Date
Signature	Date
Post Office Address	



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

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Parallel Prin	mer Extension Ap	proach to Nucleic Ac:	
Sequence Anal			
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[X] was filed on 2:	2 June 1994	as United States Ap	plication
Number or PCT In	ternational Applica	ation Serial No. PCT/US9	4/07086
(U.S.S.N. U8/304	.,100) on	(if applicable).	
I hereby state t above-identified speci	hat I have reviewed fication, including above.	d and understand the cont g the claims, as amended	
I acknowledge th	e duty to disclose bility as defined	information which is kno in 37 C.F.R. \$1. 56.	
I hereby claim f		nefits under Title 35, Un for patent or inventor's low any foreign applicati	
	cate having a filing	g date before that of the	e application
Code, \$119 of any fore listed below and have	cate having a filing	g date before that of the	Priority Not Claimed
Code, \$119 of any fore listed below and have or inventor's certific on which priority is constant of the second se	cate having a filing claimed:	g date before that of the	Priority Not
Code, \$119 of any fore listed below and have or inventor's certific on which priority is compared to the second se	eate having a filing claimed: Prior Foreign A Sweden	g date before that of the pplication(s)	Priority Not Claimed []
Code, \$119 of any fore listed below and have or inventor's certific on which priority is compared to the state of the stat	eate having a filing claimed: Prior Foreign A Sweden (Country)	g date before that of the pplication(s) 22 June 1993 (Day/Month/Year filed)	Priority Not Claimed []
Code, \$119 of any fore listed below and have or inventor's certific on which priority is of the second seco	Sweden (Country) (Country) (Country)	g date before that of the pplication(s) - 22 June 1993 (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed) (Day/Month/Year filed)	Priority Not Claimed []
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I hereby claim the benefit under Title 35, United States Code, \$120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, \$112, I acknowledge the duty to disclose information known by me to be material to patentability as defined in 37 C.F.R. \$1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

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full name of second join	it Chumakar
inventor, if any	John Shumaker
Second Inventor's	Date
Signature	719 Pizer
Residence	Houston, Texas 77009
Citizenship	. 00
Post Office Address	same
<u>:</u>	
Full name of third joint	
full name of three joint	Andres Metspalu
Third Inventor's	
Signature	Date
Residence	1 22 Vannage Street
	Tartu 2400 Estonia
Citizenship	Estonia
Post Office Address	same
mull name of fourth joi	nt .
inventor, if any	
Signature	Date
Pesidence	
citizenship	
Post Office Address	
Full name of fifth joir	
Fifth Inventor's	Data.
Signature	Date
Residence	
Post Office Address	

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled entitled

Parallel Primer Extension	Approach to Nucleic Acid
Sequence Analysîs	
the specification of which (check one)	
[] is attached hereto. [X] was filed on 22 June 1994	as United States Application
Number or PCT International Appli	ication Serial No. PCT/US94/07086
(U.S.S.N. 08/304,100)	(if applicable).
above-identified specification, above-	wed and understand the contents of the ing the claims, as amended by any
I acknowledge the duty to disclose the material to patentability as defined	se information which is known by me to d in 37 C.F.R. \$1.56.
I hereby claim foreign priority	benefits under Title 35, United States s) for patent or inventor's certificate below any foreign application for patent ing date before that of the application
Prior Foreign	n Application(s) Priority Not Claimed
SE9302152-5 Sweden (Country)	22 June 1993 [] (Day/Month/Year filed)
(Number) (Country)	(Day/Month/Year filed)
(Number) (Country)	(Day/Month/Year filed)
•	s C. \$119(e) of any United States
I hereby claim the benefit under 35 Uprovisional application(s) listed below	ow.
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- detail	(Status, patented, pending, abandoned)
(Application Serial No.) (Filing date)	
(Parlication Serial No.) (Filing date)	(Status, patented, pending, abandoned)
(Application of hereby app	oint the following attorney(s) and/or and transact all business in the Patent
agent(8) to prosecute therewit	h.
attorney(s) and/or agent(s) to file and under the Patent Cooperation Treaty bas application, including a power to meet	wers of Attorney to the following prosecute an international application ed upon the above-identified all designated office requirements for
designated academy	mbomas O. Hoover Reg. No. 32,470
David E. Brook Reg. No. 22,592 James M. Smith Reg. No. 28,043	hlice O. Carroll Reg. No. 337512
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TO THE PART NO. 10, UTA
Leo R. Reynolds Reg. No. 32,227 Patricia Granahan Reg. No. 31,804	Richard A. Wilson Richard A. Blizabeth W. Mata Reg. No. 38,236
Mary Lou Wakimura Rogs 114 Light Brook, Smith and Reynomial of Hamilton, Brook, Smith and Reynomial Page 20173;	olds, P.C., Two Militia Drive,
Fall of Hamilton, Brook, Smith data	
Lexington, Massachusetts 02173;	
Too R.	Reynolds, Esq.
Send correspondence to: <u>Leo Ki</u> Hamilton, Brook, Smith & Reynold	ls, P.C.
Hamilton, Brook, Smith & Reynold Two Militia Drive. Lexington. M.	4 02173
id Calabara calls to: L	eo R. Reynolds, Esq.
	961-9540
.mm	001-7540
true; and further that these statement	1001 of Title 10 of the validity of the ments may jeopardize the validity of the
Full name of sole	
or first inventor C. Thomas (Caskey
Inventor's	
	Date
Signature6402 Belmon	nt
Residence Houston, To	exas 77005
US	
Citizenship	
Post Office Address same	
	•

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Full name of second joint		
inventor, if any	John Shumaker	
Second Inventor's	Shan ker Date 2 Feb 1996	
Signature Amm		
Residence	719 Pizer	
	Houston, Texas 77009	
Citizenship	US	•
Post Office Address	same	
6-4		
Full name of third joint		
inventor, if any	Andres Metspalu	
Third Inventor's		
Signature	Date	٠
Residence		
	Tartu 2400 Estonia	٠
Citizenship	Estonia .	
Post Office Address	same	•
ਤੂੰ ਜ਼ੜਤ 		•
		-
Full name of fourth joint		
inventor, if any		-
Bourth Inventor's	·	
i signature	Date	•
Residence		-
LL		-
Citizenship		-
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Full name of fifth joint		
inventor, if any		-
Fifth Inventor's		
Signature	Date	-
Residence		-
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